Author Index

Anderson, R. M. 3
Aron, J. L. 500(BR)
Aumann, Y. 537
Axelrod, D. 487(BR)

Balding, D. J. 853

Carriquiry, A. L. 579
Cazzador, L. 685
Charnick, S. B. 591
Conrad, M. 316(BR)

Davis, B. K. 751
Derrida, B. 355
Dünki, R. M. 665

Edelstein-Keshet, L. 941(BR)
Ermentrout, G. B. 324(BR), 489(BR), 491(BR), 946(BR)

Fisher, E. S. 591
Floyd, W. J. 800(BR)
Ford, R. M. 721

Getz, W. M. A. 805
Gilinsky, N. C. 501(BR)
Glunt, W. 769
Griesemer, J. R. 948(BR)
Grindrod, P. 881

Hayden, T. L. 769
Hilu, K. W. 496(BR)
Hong Li 345
Horváth, G. 425
Hotelling, H. 281
Hsu, J.-P. 901
Hutchinson, G. E. 193

Ireland, W. P. 579

Jaffe, S. 327
Jeka, J. J. 657(BR)

Kapral, R. 659(BR)
Kelso, J. A. S. 657(BR)
Kermack, W. O. 33, 57, 89
Kimmel, M. 487(BR)
Kliemann, W. 579

Lauffenburger, D. A. 591, 721
Leith, J. 639
Lewis, M. A. 881
Liaofu Luo 345
Liebovitch, L. S. 443
Lindeman, R. L. 167
Liu, W.-M. 769

Maini, P. K. 701
Mangel, M. 121
McKendrick, A. G. 33, 57, 89
McMorris, F. R. 679
Michelson, S. 639
Murray, J. D. 701
Myerscough, M. R. 701

Némethy, G. 313(BR)
Nowack, W. J. 505

Pardasani, K. R. 525
Parnas, H. 537
Peliti, L. 355
Powers, R. C. 679
Poznanski, R. R. 457

Reed, W. J. 217
Richter, P. 799(BR)
Rosen, G. 845
Rosen, R. 320(BR), 322(BR)
Ruse, M. 318(BR)

Sauer, T. 662(BR), 797(BR)
Saxena, V. P. 525
Schaefer, M. B. 253
Scott Gordon, H. 231
Segel, L. A. 498(BR)
Seno, H. 557
Skellam, J. G. 135
Stadler, B. M. R. 469
Stadler, P. F. 469
Stewart, F. 493(BR)
Storrie, B. 803(BR)

Theodoridis, G. C. 505
Thomas, S. R. 825
Thron, C. D. 383, 403
Toft, C. A. 121
Torney, D. C. 853
Tóth, T. I. 443
Troy, W. 661(BR)
Tsue-Hwa Chen 901

Uemura, E. 579

Vankat, J. L. 911
Varjú, D. 425

Weinberger, E. D. 623
Winters, K. H. 701
Wu, J. 911

Subject Index

activation, 443
algorithms, 797
aquatic animals, 425
autocatalysis, 469
autoevolution, 318

bacteria, 721
biased cell motion, 591
bifurcation, 701, 800
biogeography, 911
biological theories, 948
blood flow, 525
branching process, 487
breeding, 496

cable, 457
cardiac tissue, 881
cell
    proliferation, 487
    signalling, 941
cell-target encounter, 591
cellular oscillators, 657
chaos, 491
chaotic
    dynamics, 491
    evolution, 800
    systems, 797
chemotaxis, 701, 721
chromosomes, 853
cognizers, 320
colloids, 659
common-property, 231
complex systems, 799
computer graphics, 662
consensus, 679
continuous cultures, 685
cooperativity, 383

delay, 324
demography, 193
dendrites, 457
dendritic growth, 579
differential equations, 661
differentiation, 487
dinosaurs, 501
dispersal, 135
DNA, 345
    fingerprint, 853
dynamical systems, 662
dynamics, 313, 800

ecology, 167, 193
economics, 231, 281
embedding, 769
endemicity, 57, 89
endocytic pathway, 803
energy barriers, 443
entropy, 665
epidemics, 33, 57, 89, 500
epilepsy, 505
evolution, 318, 355, 493
exhaustible resources, 281

feedback, 383
fisheries, 231, 253
fitness, 355, 751
form, 318
fractals, 491, 659, 662

genetic
    code, 845
    resources, 496
germination, 901
growth factors, 639

heart, 881
heterogeneous chemistry, 659
hierarchies, 679
hypercycle, 623

information, 799
island biogeography, 911

kidney, 845
Kolmogorov entropy, 665

ligand, 803
limbs of Henle, 825

management, 253
membrane conductance, 327
memory, 327
mind, 316
MPSC, 537
mutation, 751

neural network, 318, 805
neuronal
    modeling, 498
    oscillators, 657
neurons, 457
neurotransmitter release, 537
nonlinear dynamics, 946
nucleotides, 345

olfaction, 805
oscillations, 657, 685

pattern, 701
physical mapping, 853
physiology, 489
plant, 496
polymer, 659
    fitness, 751
population
    genetics, 496
    regulation, 623
predator-prey, 557
predistance matrices, 769
probability distributions, 443
propagation failure, 881
proteins, 313
PSC, 537
psychology, 316
Purkinke fibres, 881

quasispecies, 623

reaction networks, 469
receptor, 803
refraction, 425
resource management, 500

saturability, 383
selection, 318
self-organization, 799
sequences, 345
skin, 525
sorting, 803
spores, 901
stability theory, 324
stem cell, 487
strange attractors, 800
stretched exponential, 443
structure, 313

temperature, 525
thalamocortex, 505
thermodynamics, 313
time series, 665
tumours, 525, 639

urine concentrating, 825

visual field, 425

yeast, 685